COMBINATORICS
SEMINAR

On K_t-saturated Graphs

Kinnari Amin
Emory University

Abstract: Let H be a graph. An H-free graph G is called H-saturated if the addition of any new edge to G results in a subgraph isomorphic to H. The minimum size of an H-saturated graph on n vertices is denoted by $\text{sat}(n, H)$. The edge spectrum for the family of graphs with property P is the set of all sizes of graphs with property P. In this talk, I will present new results about the edge spectrum of K_t-saturated graphs. This is joint work with Jill Faudree and Ronald Gould.

Friday, December 4, 2009, 4:00 pm
Mathematics and Science Center: W306

MATHEMATICS AND COMPUTER SCIENCE
EMORY UNIVERSITY